



Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 670001-2002.6		SERIAL NO. 09/872,505		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT ANDERSEN ET AL.				
				FILING DATE June 1, 2001		GROUP 1645		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	4 891 315	01/1990	Watson et al.				
	AB	4 952 395	08/1990	Shinnick et al.				
	AC	4 976 958	12/1990	Shinnick et al.				
	AD	5 026 546	06/1991	Hilgers et al.				
	AE	5 330 754	07/1994	Kapoor et al.				
	AF	5 559 011	09/1996	Kapoor et al.				
	AG	4 683 578	07/28/87	Betts et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	AH	WO 97/09428	3/13/97	WIPO				
	AI	WO 97/09429	3/13/97	WIPO				
	AJ	WO 95/01441	1/12/95	WIPO				
	AK	WO 96/37219	11/28/96	WIPO				
	AL	WO 92 14823	09/1992	WIPO				
	AM	WO 98 53075	11/26/98	WIPO				
	AN	WO 98 53076	11/26/98	WIPO				
	AO	WO 98 44119	10/08/98	WIPO				
	AP	EP 0 734 132	09/25/96	EUROPE				
	AQ	EP 0 729 250	08/28/96	EUROPE				
	AR	EP 0 869 649	10/07/98	EUROPE				
	AS	DE 195 40 250	02/20/97	GERMANY				
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AT	Borodovsky et al., Computers Chem., vol. 17, pp. 123-133						
	AU	Brown, EMBL Sequence database						
EXAMINER RP Swart				DATE CONSIDERED 6-20-05				
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	AC			Harboe et al., Infect. Immun. vol. 64, pp. 16-22			
	AD			Von Heijne et al., J. Mol. Biol., vol. 173, pp. 243-251			
	AE			Hochstrasser et al., Annal Biochem., vol. 173, pp. 424-435			
	AF			Kohler et al., Nature, vol. 256, pp. 495-497			
	AG			Li et al., Infect. Immun., vol. 61, pp. 1730-1734			
	AH			Lindblad et al., Infect. Immun., vol. 65, pp. 623-629			
	AI			Mahairs et al., J. Bacteriol., vol. 178, pp. 1274-1282			
	AJ			Nagai et al., Infect. Immun., vol. 59, pp. 372-382			
	AK			Oettinger et al., Infect. Immun., vol. 62, pp. 2058-2064			
	AL			Ohara et al., Scand. J. Immunol., vol. 41, pp. 433-442			
	AM			Pal et al., Infect. Immun., vol. 60, pp. 4781-92			
	AN			Pearson et al., Proc. Natl. Acad. Sci., USA, vol. 85, pp. 2444-2448			
	AO			Ploug et al., Anal Biochem., vol. 181, pp. 33-39			
	AP			Porath et al., FEBS Lett., vol. 185, pp. 306-310			
	AQ			Roberts et al., Immunol., vol. 85, pp. 502-508			
	AR			Rosenkrands et al., Infect. Immun., vol. 66, no. 6, pp. 2728-2735			
	AS			Andersen et al., J. Immunol. vol. 154, pp. 3359-72			
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	AC			Rosenkrands et al., EMBL: Y12820			
	AD			Sorensen et al., Infect. Immun., vol. 63, pp. 1710-1717			
	AE			Theisen et al., Clinical and Diagnostic Laboratory Immunology, vol. 2, pp. 30-34			
	AF			Valdes-Stauber et al., Appl. Environ. Microbiol., vol. 60, pp. 3809-3814			
	AG			Valdes-Stauber et al., Appl. Environ. Microbiol., vol. 62, no 4, pp. 1283-1286			
	AH			Williams, Science, 272:27			
	AI			Young et al., Proc. Natl. Acad. Sci. USA, vol. 82, pp. 2583-2587			
	AJ			Crabtree et al., EMBL Sequence database			
	AK			Van Dyke et al., Gene, pp. 99-104			
	AL			Gosselin et al., J. Immunol., vol. 149, pp. 3477-3481			
	AM			XP002092185 EMBL Sequence			
	AN			Andersen et al., J. Immunol. Methods, vol. 161, pp. 29-39			
	AO			Andersen et al., Infect. Immun., vol. 60, pp. 2317-2323			
	AP			Rosenkrands et al., EMBL: 007812			
	AQ			Wiegshauss, E.H., et al. "Evaluation of the Protective Protency of New Tuberculosis Vaccines", Reviews of Infectious Diseases, Vol. 11, supplement 2, pages S484-S490, March 1989			
	AR			Orme, I.M., "New Vaccines against Tuberculosis", Infectious Disease Clinic of North America, Vol. 13, No. 1, pages 169-185, March 1999			
	AS			Andersen, Infect. Immun. vol. 62, pp. 2536-44			
	AT			Barkholt et al., Anal. Biochem., vol. 177, pp. 318-322			
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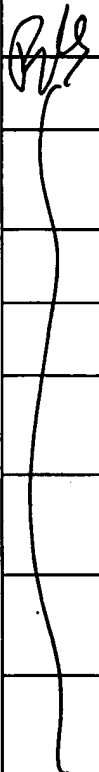
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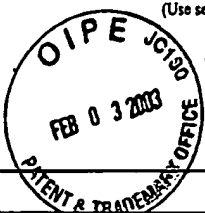
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	AB						YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AC	SCANDINAVIAN JOURNAL OF IMMUNOLOGY vol. 36, 1992 pages 823 - 831 P. ANDERSEN ET AL. 'Identification of immunodominant antigens during infection with Mycobacterium tuberculosis'					
	AD	INFECTION AND IMMUNITY vol. 61, no. 3, March 1993, WASHINGTON US pages 844 - 851 PETER ANDERSEN ET AL. 'Specificity of a protective memory immune response against Mycobacterium tuberculosis'					
	AE	INFECTION AND IMMUNITY vol. 59, no. 4, April 1991, WASHINGTON US pages 1558 - 1563 PETER ANDERSEN ET AL. 'T-cell proliferative response to antigens secreted by Mycobacterium tuberculosis' cited in the application					
	AF	INFECTION AND IMMUNITY vol. 60, no. 7, July 1992, WASHINGTON US pages 2880 - 2886 KRIS HUYGEN ET AL. 'Spleen cell cytokine secretion in Mycobacterium bovis BCG-infected mice'					
	AG	INFECTION AND IMMUNITY vol. 59, no. 6, June 1991, WASHINGTON US pages 1905 - 1910 PETER ANDERSEN ET AL. 'Proteins released from Mycobacterium tuberculosis during growth' cited in the application					
	AH	INFECTION AND IMMUNITY vol. 56, no. 12, December 1988, WASHINGTON US pages 3046 - 3051 CHRISTIANE ABOU-ZEID ET AL. 'Characterization of fibronectin-binding antigens released by Mycobacterium tuberculosis and Mycobacterium bovis BCG'					
	AI	INFECTION AND IMMUNITY vol. 57, no. 10, October 1989, WASHINGTON US pages 3123 - 3130 MARTINE BORREMANS ET AL. 'Cloning sequence determination, and expression of a 32-kilodalton-protein gene of Mycobacterium tuberculosis'					
	AJ	INFECTION AND IMMUNITY vol. 62, no. 6, June 1994, WASHINGTON US pages 2536 - 2544 PETER ANDERSEN 'Effective vaccination of mice against Mycobacterium tuberculosis infection with a soluble mixture of secreted mycobacterial proteins'					
	AK	MORIYAMA S ET AL.: "DIGITAL TRANSMISSION OF HIGH BIT RATE SIGNALS USING 16DPSK-OFDM MODULATION SCHEME" IEEE TRANSACTIONS ON BROADCASTING, March 1998, vol. 44, no. 1, pages 115-122, XP002105431					
EXAMINER R.P. Swart				DATE CONSIDERED 6-20-05			
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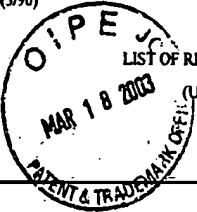
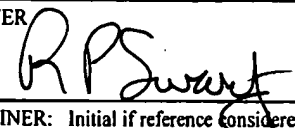
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							YES NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AC		Man et al. "Treatment of human muscle creatine kinase with glutaraldehyde preferentially increases the immunogenicity of the native conformation and permits production of high-affinity monoclonal antibodies which recognize two distinct surface epitopes", J, Oct. 1, 1989				
	AD		A.B. Andersen et al., MPB64 Possesses Tuberculosis-Complex'-Specific B- and T-Cell Epitopes, Scand J. Immunol 34, 365-372, 1991				
	AE		Anne Worsae et al., Allergenic and Blastogenic Reactivity of Three Antigens from Mycobacterium tuberculosis in Sensitized Guinea Pigs, Infection and Immunity, Dec. 1987, p 2922-2927				
	AF		Yamaguchi Ryugi, et al. "Cloning and Characterization of the Gene for immunogenic Protein MPB64 of Mycobacterium bovis BCG" Infection and Immunity 57(1):283-288 (1989)				
	AG		Wiker, H.G., et al., "A Family of Cross-Reacting Proteins Secreted by Mycobacterium tuberculosis", Scand J. Immunol. 36:307-319 (1992)				
	AH		Leao, S.C., "Tuberculosis: New Strategies for the Development of Diagnostic Tests and Vaccines", Brazilian J. Med. Biol. Res. 26:827-833 (1993)				
	AI		Oettiner, Thomas, et al., "Cloning and B-Cell-Epitope Mapping of MPT64 from Mycobacterium tuberculosis H37Rv", Infection and Immunity 62(5):2058-2064 (1994)				
	AJ		Boswell et al. Computational Molecular Biology, Oxford University Press, pp. 161-178, 1988				
	AK		Flesch and Kaufmann, Mycobacterial Growth Inhibition by Interferon-γ-Activated Bone Marrow Macrophages and Differential ... tuberculosis, The Journal of Immunology, vol. 138, No. 12, pp. 4408-4413, Jun 15, 1987				
	AL		Lefford and McGregor, Immunological Memory in Tuberculosis, Cellular Immunology, vol. 14, pp. 417-428, 1974				
	AM		Orme, Characteristics and Specificity of Acquired Immunologic Memory to Mycobacterium tuberculosis Infection The Journal of Immunology, vol. 140, No. 10, pp.3589-3593, May 15, 1988				
	AN		G.A.W. Rock, The Role of Activated Macrophages in protection and immunopathology in Tuberculosis, Research in Microbiology vol. 141, No. 2, Feb. 1990, pp. 253-256				
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				Sanger, Nicklen and Coulson, DNA Sequencing with Chain-Terminating Inhibitors, Proc. Natl. Acad. Sci USA, vol. 74, No. 12, pp. 5463-5467, Dec. 1977			
	AC			Young, Bloom, Grosskinsky, Ivanyi, Thomas and Davis, Dissection of Myobacterium Tuberculosis antigens Using recombinant DNA, Proc. Natl. Acad. Sci. USA, vol. 82, pp 2583-2587, May 1985			
	AD			Kaufman (Microbiological Sciences 4 (11) Nov. 1987 pp. 324-328)			
	AE			Lazar et al. (Molecular & Cellular Bio. Mar. 1988 pp. 1247-1252)			
	AF			Burgess et al (J. of Cell Biology vol. III Nov. 1990 pp. 2129-2138)			
	AG			Salgaller et al. (Cancer Immuno. Imnuother. (1994) vol. 39 pp. 105-116)			
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	AC	Andersen, P. et al., June 1991, Proteins released from Mycobacterium Tuberculosis during growth, Infect. Immun. 59(6): 1905-1910					
	AD	Baldwin, S.L. et al., June 1998, Evaluation of new vaccines in the mouse and guinea pig model of tuberculosis, Infect. Immun. 66(6):2951-2959					
	AE	Boesen, H. et al., April 1995, Human T-cell responses to secreted antigen fractions of Mycobacterium tuberculosis, Infect. Immun. 63(4): 1491-1497					
	AF	Brandt et al., 1996, Key epitopes on the ESAT-6 antigen recognized in mice during the recall of protective immunity to Mycobacterium tuberculosis, J. Immunol. 157:3527-3533					
	AG	Brandt L. et al., February 2000, ESAT-6 subunit vaccination against Mycobacterium tuberculosis, Infect. Immun. 68:791-795					
	AH	Cole, S.T. et al., June 1998, Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence, Nature 393:537-544					
	AI	Horwitz et al., February 1995, Protective immunity against tuberculosis induced by vaccination with major extracellular proteins of Mycobacterium tuberculosis, Proc. Natl. Acad. Sci. USA. 92:1530-1534					
	AJ	Olsen A.W. et al., June 2000, Efficient protection against Mycobacterium tuberculosis by vaccination with a single subdominant epitope from the ESAT-6 antigen, Eur J. Immunol. 30(6):1724-1732					
	AK	Ravn, P. et al., March 1999, Human T Cell responses to ESAT-6 antigen from Mycobacterium tuberculosis, J. Infect. Dis. 179:637-645					
	AL	Roche, P.W. et al. December 1994, T-cell determinants and antibody binding sites on the major mycobacterial secretory protein MPB59 of Mycobacterium bovis, Infect. Immun. 62(12):5319-5326					
	AM	Rosenkrands, I., et al., Identification and characterization of a 29-kilodalton protein from Mycobacterium tuberculosis culture filtrate recognized by mouse memory effector cells, Infect. Immun. 66(6): 2728-2735					
	AN	Skjot, R.L.V., et al., January 2000, Comparative evaluation of low-molecular-mass proteins from Mycobacterium tuberculosis identifies members of the ESAT-6 family as immunodominant T-cell antigens, Infect. Immun. 68(1):214-220					
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Sheet 2 of 2

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	AE			Stryhn, A., et al., 1996, Peptide binding specificity of major histocompatibility complex class I resolved into an array of apparently independent subspecificities: quantitation by peptide libraries and improved prediction of binding, Eur. J. Immunol. 26:1911-1918			
	AF			Ulrichs, T. et al., 1998, Differential T cell responses to Mycobacterium tuberculosis ESAT6 in tuberculosis patients and healthy donors, Eur. J. Immunol. 28:3949-3958			
	AG			P. Andersen et al., Identification of Immunodominant antigens during infection with mycobacterium tuberculosis, J. Immunol. 36, 823-831, 1992			
	AH			Peter Andersen et al., Proteins released from mycobacterium tuberculosis during growth, Infection and Immunity, June 1991, vol. 59, no. 6, p. 1905-1910			
	AI			Peter Andersen et al., Specificity of a protective memory immune response against mycobacterium tuberculosis, Infection and Immunity, March 1993, vol. 61, no. 3, p. 844-851			
	AJ			Peter Andersen et al., T-cell proliferative response to antigens secreted by mycobacterium tuberculosis, Infection and Immunity, April 1991, vol. 59, no. 4, p. 1558-1563			
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	AM			Martine Borremans et al., Cloning sequence determination, and expression of a 32- kilodalton-protein gene of mycobacterium tuberculosis, Infection and Immunity, Oct. 1989, vol. 57, no. 10, p. 3123-3130			
	AN			Peter Andersen, Effective vaccination of mice against mycobacterium tuberculosis infection with a soluble mixture of secreted mycobacterial proteins, Infection and Immunity, June 1994, vol. 62, no. 6			
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